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III. CLAIMS

1. (Currently Amended) A hydrogen-peroxide ~~neutralizing~~ gamma-sterilisable nutrient medium based on ~~comprising~~ casein soya peptone agar for the detection of microorganisms in a ~~hydrogen-peroxide~~ bearing situation including with the addition of between 2 and 10% by weight of sodium thioglycolate, between 5 and 20% by weight of sodium thiosulfate and between 10 and 30% by weight of sodium disulfite in each case with respect to the agar.

2. (Currently Amended) A gamma-sterilisable nutrient medium as set forth in claim 1 ~~containing~~ comprising between 0.1 and 0.25% of sodium pyruvate with respect to the agar.

3. (Currently Amended) A gamma-sterilisable nutrient medium as set forth in claim 1 ~~including~~ comprising at least one of bromocresol purple and bromocresol violet as a pH-indicator and between 10 and 50% by weight of polyvinylpyrrolidone with respect to the agar.

4. (Previously Presented) A gamma-sterilisable nutrient medium as set forth in claim 3 wherein the content of polyvinylpyrrolidone with respect to the agar is between 30 and 45% by weight.

5. (Currently Amended) A gamma-sterilisable nutrient medium as set forth in claim 1 ~~including~~ comprising bromothymol blue as a pH-indicator and between 10 and 50% by weight of polyvinylpyrrolidone with respect to the agar.

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6. (Previously Presented) A gamma-sterilisable nutrient medium as set forth in claim 5 wherein the content of polyvinylpyrrolidone with respect to the agar is between 30 and 45% by weight.

7. (Currently Amended) A gamma-sterilisable nutrient medium as set forth in claim 1 containing comprising between 20 and 50% of morpholinopropane sulfonic acid and between 50 and 80% of phosphate buffer with respect to the total amount of buffer.

8. (Previously Presented) A gamma-sterilisable nutrient medium as set forth in claim 1 wherein microbial content test agar is used as the agar.

9. (Currently Amended) A gamma-sterilisable nutrient medium as set forth in claim 1 including comprising at least one selected from the group consisting of betaine, glycine, cystine, proline and asparagine.

10. (Canceled)

11. (Canceled)

12. (New) A method for detecting microorganisms in hydrogen peroxide-bearing air or on a hydrogen peroxide-bearing surface, said method comprising contacting said air or surface with a gamma-sterilisable nutrient medium as set forth in claim 1, and detecting a growth of microorganisms

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in said medium.

13. (New) A method as set forth in claim 1, which is conducted in order to detect microorganisms in hydrogen peroxide-bearing air.

14. (New) A method as set forth in claim 1, which is conducted in order to detect microorganisms on a hydrogen peroxide-bearing surface.